



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit <http://www.rars.org/public-service.php>

frequently for our 2018 ham public service schedule.

RARS General Meeting

Topic: RARS Officers nominations & RARS Auction

Date: October 9, 2018

Time: Meeting at 7:15PM

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, New Ham Meeting Coordinator

[Click here for more information.](#)

Practice Makes Perfect

By Carl Davis, W8WZ

Those of us who had our ham tickets before the advent of the internet, cheap long distance phone calls and cellular phones will remember that it was a different era back then. Ham radio operators were frequently called upon to provide communications for non-emergency public service functions in those days. Daily NTS nets were full of radiograms communicating birthday wishes to loved ones in distant states, messages that dad had arrived at his business trip destination safely and would be back next week, etc. Parade organizers depended on hams to provide VHF FM communications for all of their logistics as did organizers of flea markets, rodeos, races, and just about every event that involved people in

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RARS Officers

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the Golden Corral Restaurant, 6129 Glenwood Ave., Raleigh. Informal and Dutch, just bring your appetite and best rag to chew. 73, Chuck, K4HF

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS website click here. <http://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARSfest in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your \$14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit www.rars.org for more information.

September 2018 RARS Net Summary

Check-ins: 508

Traffic Brought/Passed: 8/8

Minutes: 1028

Sessions: 30

Virginia Enzor NC4VA

RARS Net Manager



Ducie Island DXpedition 2018

A DXpedition to Ducie Island will take place October 20th to November 3rd. For more information go to this URL, <https://vp6d.com/index.php>. A real time log will be at this URL, <http://www.dxa3.org/vp6d/>.

73 Tom N4TL

President's Message continued

places beyond yelling distance. Our government and nonprofit entities relied on ham radio more strongly back then too. In Detroit our RACES unit was responsible for conducting the monthly tornado/air raid siren drills. We would each go to an assigned siren location at a school, hospital or fire station, check in with net control, and then sound the siren at our given location when the net control station commanded us to do so and report its operation to net control who informed the county officials of the horn's status. Today that is all done remotely.

I mention this not just to remind everyone that I will soon be eligible for membership in the QCWA but because back then the average ham was kept on his or her toes for emergency communications a bit more than we are today. When you used your ham radio routinely for the functions mentioned above you were in pretty good practice for when a real disaster arose. Today, we don't use our ham radios for these types of things unless we make a conscious effort to do so. This can result in being out of practice during an emergency. I first became acutely aware of this while doing radiogram work after Hurricane Katrina. People were out of practice, made simple mistakes that slowed things down. They didn't know or follow net procedures. They had to ask questions on the air of net control that they should have known the answer to already. I realized that had Katrina hit 10 or 15 years earlier that ham radio operators would have likely been able to provide a better response because we would have been in better practice. We had gotten sloppy because we were out of practice because we were not being called upon as frequently to help with non-ham routine communications anymore. The mistakes made by well-intentioned but rusty hams made it harder for us to do our work. After experiencing that I decided I was going to keep my skills sharp by actively participating in the National Traffic System on a routine basis so that during an emergency I could be part of the solution and not another addition to the problem.

In listening to HF and VHF nets during and after Hurricane Florence I noticed similar issues. One net control operator picked up the wrong microphone and was calling the net on the wrong frequency for part of the time. Another net control operator called for check ins and then did not release the PTT button so he could hear them. These are likely mistakes caused by being nervous. Being nervous during a disaster is natural. That is why it is important to practice skills during normal times so frequently that they become part of our muscle memory and we can basically function on autopilot with them during a disaster. Many hams find that operating in a "high stress" contest environment helps them to feel more relaxed during times of real stress in a disaster.

I noticed many stations checking into a net without knowing what the net was about. People checked into traffic nets with weather reports. People checked into nets ran by a particular entity and gave credentials they held with a different entity. Many people seemed to think it was a good idea to tune up on

President's Message continued

the net frequency or provide a relay without being requested by Net Control to do so. People asked net control questions out of turn. People interrupted an ongoing net to “ask for a signal report”. People forgot their own call signs.

I don't mention these problems to shame any of these well intentioned operators. I offer them as examples simply to remind all of us that if we are going to use our radios during times of trouble we really need to practice with them regularly first or we run the risk of doing more harm than good.

Good operating practices take time and work to develop and should be the goal of every radio amateur. They really are important during times of crisis.

While monitoring VHF nets I noticed that many stations can access our area repeaters from their normal station (using commercial power and/or external antennas), but during a storm they are limited to an HT, lower power, or an indoor antenna. They had not practiced using those compromise stations during good times so they were unaware of how poorly they worked. Couple a poor signal with a nervous operator and you have a very inefficient net. Take time to use your “emergency station” during good times so you can learn if it works or not. That way if it performs poorly you can make modifications to it during good times so that you can have a good signal with it when you really need it.

For those of us in Raleigh, getting this kind of practice is easy and fun! RARS has a net every night of the week at 8:00 PM on our 146.64 machine. The NTS net for our area meets nightly at 9:00 PM on the 146.88 repeater. RARS offers training in how to handle NTS traffic to anyone who wants it. Check into the 8:00 PM net and ask about it. On Sunday nights at 9:00 PM there is the Apex ERC net on the 146.64 repeater. North Carolina has an open NTS section net every night at 6:30 PM on 3923Khz and at 7:30 PM there is the Tar Heel Emergency Net on that same frequency every day. There are other Aux Com and Sky Warn nets on local repeaters regularly. Check into these nets. Learn how they work and what they do. Use your gear so you know it works and how to use it. Send a radio-gram or two every year just to keep in practice. Try contesting so that you can use your radios in a stressful situation. Set up a portable station in the park on a Saturday afternoon so that if you have to set up a portable station during an emergency you know how and you know your gear works. Additionally, RARS has many opportunities to use your ham radio skills for public service. Check out the many opportunities listed on the RARS webpage and volunteer for some of those. There is no better practice for emergency service, and it is fun!

73 Carl, W8WZ

*New HAM meeting, 6:00 p.m. before the
member meeting*

Tadd Torborg, KA2DEW, New Ham meeting Coordinator

*The New Hams meeting is held every month before the regular RARS meeting.
We'll try to start by 6pm. We try to address topics in a manner that will be of help
to hams in their first year of operation.*

September's meeting included discussions about home-brew antennas and the range of antenna testing equipment. We had a several hundred dollar computer controlled antenna tester, a \$50 computer controlled SWR bridge, and an industrial strength bird meter. We made a faltering attempt to assemble a from-scratch 1/4 wave 2m antenna which at least enabled the group to test each of the different measuring devices and we cut and tuned the antenna.

In October we're tossing around the idea of wiring up a new ham's car with a trunk-lip mount antenna, battery connection of some time, and an under \$50 mobile radio (used or surplus, not Chinese). We're trying to decide if we should tell them in advance or not.

73, Tadd Torborg , KA2DEW, tadd@mac.com



Tadd, KA2DEW, with a home-brew dual band ground-plane antenna made by Mike W4MDZ

RARS August Membership Meeting & Satellites

The presentation at the September meeting of RARS was Tucker McGuire , W4FS and about amateur Satellites. Things have changed a lot since the early AMSATS were put up. The new satellites are small and can be worked with a handheld antenna and two FM radios. It does not take a lot of power. There is a YouTube video that shows Tucker making contacts at the last RARSfest.

Go to this link to watch it <https://www.youtube.com/watch?v=kEvSKN9ZSyw>



Tucker McGuire , W4FS , and all about Amateur radio Satellites



September RARS membership meeting

RARS August Membership Meeting & Satellites continued

What kind of gear do you need?

Typical FM setups should be full duplex meaning you can hear yourself come down on the downlink simultaneously while you are transmitting. This helps to prevent stepping on other stations, and to ensure you are getting into the sat.

Full duplex is also preferred for other satellites as well

Typical FM Rigs:

Yaesu FT-530, Kenwood D72, Kenwood D7, Pair of non full duplex HT's.

Typical Linear Setups:

2x Yaesu FT-817, ICOM IC-820H, ICOM 821H, ICOM 910H, ICOM 9100

Popular Satellite Antennas:

Arrow II Yagi, Elk LPDA

September Meeting, Door Prize winners



Henry Heller (WB2AGA) , Robert Walker (K4WWR), Bill Mars (AK4BL),
Dennis Mason (WZ0Q) & David Daniels (W4EIP)

RARS Auction

The RARS auction will be Tuesday October 9, 2017.

You can preregister your items at the RARS website until midnight Monday October 8, (rars.org/AuctionForm2.php).

On October 9, Check-in and Registration starts at 6:45 PM.

I will print both a label and an auctioneer's slip for all items that have been preregistered. When you arrive find me and I will give you your labels and auctioneers slips. Put the labels on your equipment and put the equipment on one of the numbered tables. Write the number of the table on the auctioneer's slips. Then give the auctioneers slips back to me or to our auctioneer.

If there is a reserve price on the item, it will not be on the label. It will be on the auctioneer's slips.

Preregistration will end at midnight on October 8. I will print all labels and auctioneer slips Tuesday before the meeting and bring them to the meeting.

During the auction it is up to the seller and buyer to exchange funds. Don't forget to bring cash, ones, fives, tens and twenties.

73 Tom N4TL

RARS Birthdays

Donnell	KN4ORC	10/
Kathryn	KM4RNE	10/01
Jerry	W2GLA	10/02
Dave	K4SAN	10/02
Olivia	KG4IYI	10/02
Jay	KM4EP	10/02
Pete	K4PHS	10/02
Skip	WB4P	10/03
Gary	KM4TCT	10/08
Todd	AG4AY	10/08
Rick	KA3PSK	10/09
Gale	K4GGB	10/10
Robbie	KI4TTZ	10/10
Frank	KY4W	10/11
Pamela	KM4WRN	10/13
David	WA4DAG	10/14
Tommy	KK4OIH	10/17
Candy	NC4CJ	10/18
Mike	K4DRT	10/19
Bob	KN4MRV	10/22
Gary	KN4AQ	10/22
Curt	W4CP	10/23
Lou	W2ROW	10/27
Chuck	K4RGN	10/27
Glen	WA2CYM	10/30

New RARS Members

Daniel Wilds	KD4KXI
Ann Wilds	Not Licensed
Richard Hall	K7RLH
Malcolm Alexander	Not Licensed
David Hartley	KJ4ZUO

Future Hamfests

A full list of Hamfests can be found at the [ARRL website](#).

10/14/2018 | [Maysville Hamfest](#)

Location: Maysville, NC

Type: ARRL Hamfest

Sponsor: Maysville Hamfest Association

11/18/2018 | [JARSFest](#)

Location: Benson, NC

Type: ARRL Hamfest

Sponsor: Johnston Amateur Radio Society

Website: <http://www.jars.net>

01/05/2019 | [Winston-Salem FirstFest](#)

Location: Winston-Salem, NC

Type: ARRL Hamfest

Sponsor: Forsyth Amateur Radio Club

Website: <http://w4nc.com>

04/20/2019 | [North Carolina State Convention \(Raleigh Hamfest\)](#)

Location: Raleigh, NC

Type: ARRL Convention

Sponsor: RARS

Website: <http://rarsfest.org>

1970s QSL card with the RARS logo



Thanks to Bob Workman, WA4ZZN, who sent me a copy of his XY's QSL card. He said a number of RARS members used cards like this one. It was done on plain white stock with 3 colors - red, blue, and black as the club colors were.

Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

10/9/2018	RARS Officers nominations RARS Auction	Election committee & Carl Davis, W8WZ
11/13/2018	RARS Officers election and Show and Tell. Bring something of interest in Ham Radio that you would like to show off. Be prepared to talk about it. The time will be limited so everyone can have time to show their item.	Election committee & members
12/11/2018	RARS pot luck Holiday party. Sign up at the RARS website. RARS Officers induction.	Election committee
1/8/2019	The world of high power Medium wave and Shortwave broadcasting	Lauren Libby, W0LD

Become an Amateur Radio Operator



The Raleigh Amateur Radio Society is offering Technician Level

Amateur Radio Licensing Classes

The location is being changed and will be announced ASAP.

The course will consist of four 5 hour classes plus a 3 hour hands-on demonstration day and is designed to teach all of the information that is needed to earn the Technician Level Amateur Radio License and begin enjoying the hobby of ham radio.

Class Schedule:

Saturday, 13 October (8AM - 1 PM) Classroom to be determined.

Saturday, 20 October (9AM – Noon) Hands on Demonstration at St. Christopher's Episcopal Church 1101 Vandora Springs Rd, Garner, NC

Saturday, 27 October (8AM - 1 PM) Classroom to be determined.

Saturday, November 3 (8AM - 1 PM) Classroom to be determined.

Saturday, November 10 (8AM - 4PM) Classroom to be determined. (Class ends at 1 and the test will be administered from 1:30 to 4 PM. Bring a sack lunch if desired)

Capacity is limited to 20 students and registration is required. Due to limited seating no walk-ins will be accepted. Students under age 12 must be accompanied by an adult.

Students must come with the textbook **ARRL Ham Radio License Manual, 4th edition**,

ISBN: 978-1-62595-087-1 which can be purchased at this link:

<http://www.arrl.org/ham-radio-license-manual>

The non-refundable cost for the course is \$20 payable in cash or check made payable to RARS at the first session. For students over age 18 there is an additional fee of \$14 for the license test payable on the day of the exam.

The instructor is Mr. Curt Phillips whose amateur call sign is W4CP. Curt has been licensed for more than 40 years, holds an Amateur Extra class license, and has many years of experience teaching amateur radio classes. He has taught technical courses at several area community colleges and for the NC State University Industrial Extension Service, NC A&T's Center for Energy Research and Technology as well as UNC-Charlotte and Virginia Tech.

To ask questions or register for the class please e-mail RARS Education Director Carl Davis at w8wz@aol.com



Contesting Tidbits

Ever get on the air and hear people calling CQ Contest and exchanging some information you don't understand? You can ask one of the testers what the name of the contest is and what the exchange is. You can also look up the contest on a couple of websites to find out what the exchange is.

The ARRL has one, <http://www.arrl.org/contest-calendar>.

WA7BNM has one, <http://www.contestcalendar.com/>.

In some contests the exchange is a signal report and your zone. Everyone uses 59 or 599 for the signal report. The zone depends on the contest. Our CQ zone is 5 and our ITU zone is 8. These websites have zone maps,

<http://www.mapability.com/ei8ic/maps/maps.php>

<http://www.icomamerica.com/en/amateur/amateurtools/default.aspx>

Some contest have a more complex exchange like the ARRL Sweepstakes. You can read about it at this website, <http://www.arrl.org/sweepstakes>.

The Worked All Europe Contest exchange is signal report and a progressive serial number starting with 001. They also have an optional QTC. You can read about the QTC at this website, <https://www.darc.de/der-club/referate/conteste/worked-all-europe-dx-contest/en/>

When stations ask me if I want to do the QTC I say no thank you.

If you make some contacts, keep a log. Some stations may send you a QSL card. With a log you will be able to confirm their contact. If you don't have QSL cards you can write "I confirm this contact" on the card and sign it. Then send it back.

Free contesting software is N1MM. <https://n1mm.hamdocs.com/tiki-index.php>

If you are only going to make a few contacts you can use your regular logging program or a paper log.

73 Tom, N4TL

Spotlight on RARS Net Friends

Virginia Enzor NC4VA, RARS Net Manager



This month's column features a ham who chases DX and then shares his success on the net. It's always fun to hear his reports!

The RARS net meets at 8:00 PM on the 146.64 repeater every evening! Please check in; we would love to hear your ragchew.

Spotlight on Barry Kinney NC4AZ

1. Name, Callsign & License class

Barry Kinney NC4AZ Extra

2. Year originally licensed

2013

3. How did you get into ham radio?

In high school I was in the Amateur Radio Club but I never was licensed. After retiring, I was surfing the web and came across a sample Technician test. I barely passed it thanks to my training in the USAF. I bought a Technician book to study and passed the test. A couple of months later I passed the General test. After taking the RARS Extra class, I passed the Extra test. I give full credit to the class for passing the test.



The NC4AZ shack – nice and neat!

Continued from the previous page

4. What aspects of the hobby currently interest you?

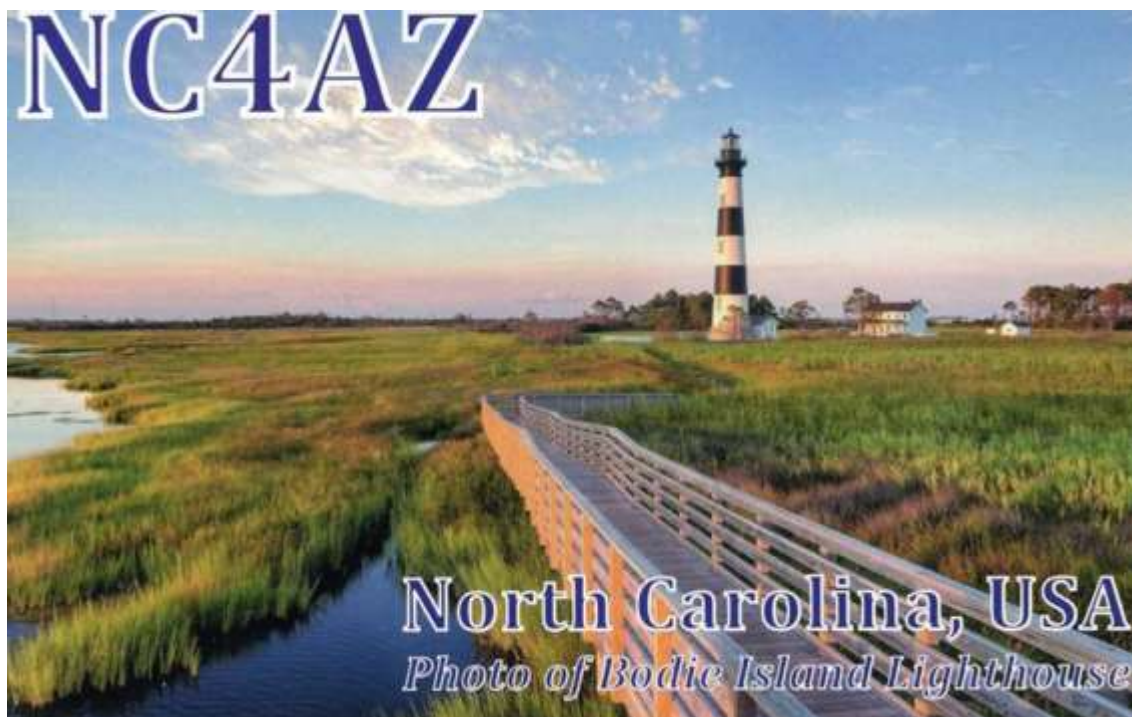
I enjoy making contacts on my Yaesu FT-450D radio. I also enjoy listening to the evening nets, and checking in once and a while.

5. Positions that you hold or have held in RARS or other organizations

I volunteer at a couple of organizations: Cary CAP (Citizens Assisting Police) and Cary CERT (Community Emergency Response Team). I am also a member of The American Legion Post 67, the American Legion Amateur Radio Club and Veterans of Foreign Wars Post 7383.

6. Any special awards? (DXCC, WAS, WAC, IOTA, etc.)

No special awards, I am trying to get 1,000 confirmed QSL contacts on the LoTW. I have 949 contacts so far.



Very attractive QSL card

7. Any special project you are currently working on?

I have begun an interest in FT8.

Continued from the previous page

8. Interests outside of radio?

I belong to Durham County Wildlife Club and enjoy shooting Five Stand Sporting Clays.

9. Words of advice for new hams?

RARS offers a lot of opportunities for new hams to learn more about the hobby. The class of the license programs are highly recommended. Also, try a public service event. I try to volunteer for the MS walk event at the PNC Arena, or try an event that holds a special interest to you.



Barry NC4AZ serving at the 2016 MS Walk

Minutes

Raleigh Amateur Radio Society

Board Members Meeting

Date | time 08/21/18 @ 7:06 pm | *Meeting called to order by* Carl Davis W8WZ

In Attendance

7 Members

Carl Davis W8WZ

Tara Goodwin W4TSW

Alan Pitegoff AB4OZ

Greg Seamster KE4PAX

Chuck Littlewood K4HF

Richard Kroeger N1FUA

Virginia Enzor NC4VA

1 Visitor

Mark Kilmer KM4JRH

Approval of Minutes

Quorum present: July Board Meeting Minutes Approved

President Report-Carl W8WZ

Present; no report to give

Vice President Report/Exciter Report-Tom N4TL

Minutes continued from the previous page

Tom was not present but a report was read by Carl (W8WZ) and Tom's report stated that articles for The Exciter were due by Sept 1st and the program next month is "Satellite Communications" by Tucker McGuire (W4FS) and the October auction auctioneer would be Carl Davis.

Treasurer's Report-Greg KE4PAX

Greg reports that we currently have 330 members and 102 members that have not renewed but a renewal reminder went out early August. Carl (W8WZ) suggested taking the non-renewal's and having the board to reach out personally but after discussion it was decided to continue to just email.

Greg also brought in a copy of the SERA and discussed the RARSfest ad that we placed due to an additional charged fee where they had to convert it from color to black and white. It was noted that all ads to SERA, from the RARSfest team, would need to be sent in black and white.

There was also discussion on how we are receiving donations from Amazon Smiles thanks to our members using Amazon Smiles as the way to order and donate.

He also gave a brief report on the finances

For more detailed information regarding Greg's Treasurers report please contact KE4PAX

Secretary's Report/RARSfest Chair-Tara W4TSW

No Secretary report but Tara states that RARSfest meetings will be starting Tuesday October 23rd and that they already had some leadership roles that would be open for replacement.

Directors Reports

Education Director-Carl W8WZ: Carl reports that he is working with our education team to schedule the fall dates for our Technician Class. Additionally he had a request to teach a Tech Class to an Ambulance service in the area and we have given them the information about the upcoming classes, the online videos, and are waiting to hear back on how they would like to proceed.

ARRL Liaison-Chuck K4HF: Chuck reported that Shelby Hamfest would be the Roanoke Division convention this year and to stop by the ARRL booth to say hi to everyone.

Webmaster-Hank K4HM: Hank was not present but a report was read by Carl (W8WZ) and it included some website statistics including that we are averaging 107 daily visitors and the top 5 visited pages are Classifieds, Repeaters, Link, Roster, and Contacts. The Most downloaded files are CW Trainer, Attic An-

Minutes continued from the previous page

tennas, Exciter, Station Grounding, and Bandplan chart. And the top browsers used to view are Chrome, Firefox, Safari, Mozilla, IE, Android, and Netscape.

Net Manager-Virginia NC4VA: Virginia reports that the nets are going well with high numbers of check-ins and that the Net Control Operators are doing well.

Food Service Chair-Richard N1FUA: Richard reports that the food service is going well and he has been receiving positive feedback on the snacks being served at the meetings.

Director-at-large-Alan Pitegoff AB4OZ: Present; no report to give

Youth Director-Murray K4MHM: Not present, no report given

Immediate Past President-Dennis NC4DK: Not present, no report given

Public Information Officer-Charles KM4AMT: Not present, no report given

ARRL NC Section Manager-Karl W4CHX: Not present, no report given

W4DW/W4RNC TRUSTEE-Jeff, AC4ZO: Not present, no report given

Director-at-large-Marty W4MY: Not present, no report given

Public Service Director-John K3RHJ: Not present, no report given

NC QSO Party Chair-Marty W4MY: Not Present; no report given

Director-at-large-Joanne AA3N: Not Present, no report given

Field Day Chair-Bob W4TTX: Not Present, no report given

FM Repeater Chair-Karl W4CHX: Not Present, no report given

Old Business

QSL Cards: [editors note: this was discussed again and its about sending QSL cards to the ARRL out-going buro. Tom will handle it.] Tom (N4TL) is curious about sending out QSL cards as a club and he is interested in getting the program back running. He states he will get with Chuck (K4HF) about how to make this happen. Chuck (K4HF) states that this is a service the club has offered in the past and he is looking into what we would need to do to get it moving forward again and would follow up with Tom.

Award Program: Carl (W8WZ) spoke about having a recognition award that one member can give to

Minutes continued from the previous page

another member for various reasons. These would not come through the awards committee but it would be member to member. The board discussed the option to speak more on this to figure out the logistics on who would be the person tracking this, the best way to receive the information, and the best way to launch this idea.

After more discussion it has been decided that this will not become a RARS program at this time.

New Business

none

Additional Business/Comments/Announcements

Tara (W4TSW) stated that the NerdNite went well and the presentation was well received.

Next Meeting

09/18/2018, 2011 Ridge Road at 7:00pm

Meeting was adjourned at 8:58pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

Asheville Radio Museum

The [Asheville Radio Museum](http://www.avlradiomuseum.org) is closing its offsite storage unit and selling all remaining contents at bargain prices. The sale will occur in Asheville on Saturday, November 10 from 9 AM until noon at the storage unit, located at 192 Swannanoa River Road.

To see a list of ham and home radio items in the sale and other information, please visit www.avlradiomuseum.org/2018-storage-unit-sale

73, Stuart Smolkin,

Minutes

Raleigh Amateur Radio Society

Members Meeting

Date | time 09/11/18 @ 7:30pm | *Meeting called to order by* Carl Davis, W8WZ

In Attendance

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Carl, W8WZ, at 7:30 pm.

The pledge of Allegiance was recited and, following the pledge, Carl gave a small memorial speech regarding the victims of the September 11th terrorist attacks then asked for a moment of silence.

There were 36 Members and 4 Visitors

The Visitors were Tucker McGuire (W4FS), Matthew Babcock (W4ETE), William Habicht (W3IMD), and Kevin Swinger (KN4PAG)

Approval of Minutes

Secretary determined a quorum was present, a motion to accept the minutes of the August 14, 2018 meeting, as published in the Exciter, was made, seconded, and approved.

Continuing Announcements

The RARS dinner takes place monthly on the first Tuesday (next: October 2nd) at 6:30p.m. at Golden Corral; 6129 Glenwood Ave, Raleigh.

The next board meeting, which is open to all our members, will be Tuesday September 18th at 7pm in the Ridge Road Church conference room. Afterwards, many members retire to a nearby restaurant for a quick bite.

Minutes continued from the previous page

Tonight's after-meeting gathering, for any who are interested, will be at the TLC Wings located at 3625 Hillsborough St Raleigh 27612

A new ham/Elmer's meeting with new hams, and anyone interested, takes place before each membership meeting at 6pm at the Ridge Road church and presented by Tadd (KA2DEW)

Door Prizes

Door Prizes were won by Bill Mars (AK4BL), Dennis Mason (WZ0Q), David Daniels (W4EIP), Robert Walker (K4WWR), and Henry Heller (WB2AGA)

Congratulations to all our September Winners!!!

Vice President Report/Exciter Chair-Tom N4TL

Tom thanked the membership for the articles in The Exciter and made special mention of the articles submitted by Carl (W8WZ) and Virginia (NC4VA). He reminded the membership that the October meeting program would be the club auction and asked that participants log their items online prior to the event and to bring money and change to the event.

Treasurer's Report-Greg KE4PAX

Greg was not present but a brief treasures report was read by Carl (W8WZ) and Carl stated that our membership is currently at 341 members with about 100 members who have not yet renewed.

For those interested in official treasurer report can contact Greg (KE4PAX)

Secretary's Report-Tara W4TSW

Present but No Report

Board and Committee Reports

RARSfest Chair-Tara W4TSW: Tara reported that the RARSfest planning committee would have

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their first meeting on October 23rd.

Education Director-Carl W8WZ: Carl reported that there is a fall technician class starting on October 13th and made note of the flyers that were available on the check-in table. He also mentioned that any licensed RARS members were allowed to come and audit the class if they so choose to do so.

Board and Committee with No Report

Public Service - John K3RHJ

FM Repeater Chair - Karl W4CHX

Food Service - Richard (N1FUA)

ARRL Liaison - Chuck K4HF

Youth Director - Murray K4MHM

Past President - Dennis NC4DK

ARRL Section Manager - Karl W4CHX

Webmaster - Hank K4HM

W4DW/W4RNC Trustee - Jeff AC4ZO

Director at Large - Alan AB4OZ

Director at Large - Joanne AA3N

Director at Large - Marty W4MY

Field Day Chair - Bob W4TTX:

Net Manager - Virginia NC4VA:

Public Information Officer - Charles KM4AMT

NCQSO Party Chair - Marty W4MY

Old Business

No Old Business

New Business

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No New Business

Additional Business/Comments/Announcements

Carl (W8WZ) mentioned that there is a flyer on the welcome table that has a breakdown of amateur emergency frequencies, along with a sample radio gram, for those needing the information in preparation of Hurricane Florence coming inland. Joanne (AA3N) mentioned that the frequencies listed on the page were incorrect and asked the club to mark the SSB as 3923 KHz

Mark (KM4JRH) announced that there would be a special events station for Sept 11th and that more details could be found on the ARRL website under Special Events.

Tech Tips were presented by Roger (K4CLK)

Tonight's presentation: "Satellite Communications & AMSTAT" by Tucker McGuire (W4FS)

Next Meeting

10/09/2018, 2011 Ridge Road at 7pm

Meeting was adjourned at 9:48 pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW



Current Public Service Opportunities

To volunteer for a Public Service event please complete the form at the top of this page.

WELCOME TO THE 2018 HAM PUBLIC SERVICE EVENT SIGNUP PAGE. Choose the event(s) for which you would like to volunteer and complete the sign-up form at the top of the page... note... one form for EACH event that you are volunteering. It's also very helpful to indicate what type of assignment you're interested in.

THE 2018 LIST OF PUBLIC SERVICE EVENTS WILL BE POSTED AS CONFIRMED - CHECK BACK FREQUENTLY FOR UPDATED INFORMATION

Events you can sign up for now:

www.rars.org/public-service.php

2018 Le Tour de Femme

October 13, 2018 - Saturday - Holly Springs, NC

This women's only bicycle event features 15, 31 and 62 mile routes that benefit REX Hospital Angel Fund and the Kay Yow Cancer Fund. SAGS and Rest Stop Hams are needed.

* Location: Carolina Brewing Company, 140 Thomas Mill Rd., Holly Springs, NC 27544

* Ham Coordinator: John Stone (K3RHJ)

* Website: [Le Tour de Femme](http://LeTourdeFemme.com)

2018 Fall Rally

October 21, 2018 - Sunday - Holly Springs, NC

This bicycle event features 22, 39, 52 and 72 mile routes that benefit the National MS Society. SAGS and Rest Stop Hams are needed.

* Location: Carolina Brewing Co., 140 Thomas Mill Rd., Holly Springs, NC 27544

* Ham Coordinator: John Stone (K3RHJ)

* Website: [NCBC Fall Rally](http://NCBCFallRally.com)

2018 CheetahFest

October 27, 2018 - Saturday - Rougemont, NC

The bicycle event has 30, 62, 100 mile routes that benefit the American Diabetes Association. SAGS and Rest Stop Hams are needed.

* Location: Down 2 Earth Farms, 8115 New Sharon Church Rd., Rougemont, NC 27572

* Ham Coordinator: John Stone (K3RHJ)

* Website: [2018 CheetahFest](http://2018CheetahFest.com)

RARS Classifieds

Copied from www.rars.org/classifieds.php

The items below were listed within the last 30 days on the RARS website.

E F Johnson Viking Ranger I Transmitter

Posted September 25th, 2018 by: K4HF

Contact: k4hf@arrl.net

Radio has had TLC. T/R Relay, mike and Documentation included. Transmitter is working and in above average condition. \$275 Contact me by e mail, preferred, or (919) 872-6555 Thanks, Chuck

Yaesu FT2DR

Posted September 23rd, 2018 by: KN4OQX

Contact: clmbr73@gmail.com

I have for sale a like new Yaesu FT2DR. I bought it on 8/21/18 from MTC. Includes box, all original accessories, RT Systems software/cable (for Mac), Comet SMA24 antenna and new 32GB Sandisk MicroSD card/adaptor.

\$320 or possible trade for nice dual band mobile setup.

E-mail for pics.

Kevin - KN4OQX

919-608-3304

clmbr73@gmail.com

Free Stuff

Posted September 23rd, 2018 by: KJ4WD

Contact: cjponto@bellsouth.net

I am downsizing my library and giving away the following:

ARRL: The Radio Amateur Handbooks - 1972, 1974, 1975, 1977, 2007

The ARRL Operating Manual - 1985

Single Sideband for the Radio Amateur - 1970

The Radio Amateur's License Manual - 1972

How to Become a Radio Amateur - 1970

Operating an Amateur Radio Station = 1971

The ARRL Antenna Book - 1970

QST - 1942, ARRL Commemorative Edition

Howard W. Sam's Automotive Test Equipment You Can Build - 1972

Howard W. Sam's Build Your Own Test Equipment - 1998

Collins Amateur Equipment (catalog, KWM-2A, 75S-3C, 32S-3A, 30L-1, 30S-1, Accessories) -

RARS Classifieds continued

1975?

EICO Instruction Manual for Model 221 Vacuum Tube Volt-Ohm-Meter - Publication date unknown

Howard W. Sam's 101 Ways to Use Your Oscilloscope - 1964

Missing any issues of QST between mid-2007 and present? I have them for the asking.

73, Carl KJ4WD

Baofeng UV-5R Dualband HT.

Posted September 18th, 2018 by: WZ0Q

Contact: wz0q@outlook.com

For sale a new Baofeng UV-5R HT, comes with original box all hardware that came with it / 2M/440mhz.

already programmed with local repeaters.

Asking \$20.00 or OBO.

919-413-5998

Dennis, wz0q

Anyone into 45 RPM vinyl records?

Posted September 12th, 2018 by: N4TL

Contact: n4tl2@yahoo.com

I have decided to sell my brothers 45 RPM record collection. There are over five hundred and twenty, 45 RPM records in five boxes. They are mostly rock and roll. Most of them are in plain white dust covers. Some have the original ones and some have no cover. There are very few scratches. I have a partial listing of the titles and can send it to anyone who is interested. Just send me an email.

73 Tom N4TL

12V 100AH Sealed Lead Acid Battery Tested

Posted September 11th, 2018 by: KI4RK

Contact: ki4rk@arrl.net

Removed from decommissioned base station, I have a 100AH 12V Sealed Lead Acid battery for \$40. Tested with conductance meter and guaranteed good. Scrap lead alone is worth \$20.

RARS Classifieds continued

ICOM 2000 mobile radio

Posted September 4th, 2018 by: W4TSW

Contact: tarakm4zsz@gmail.com

ICOM 2000 Trans-receiver (plug & Play) with mic and 2m Mag Mount Antenna

Works great but bought new car and not transferring it over

email me for pics and more information tarakm4zsz@gmail.com or text 919-616-0211

Price 100.00

QSL Cards for the ARRL outgoing QSL service

I have agreed to mail QSL cards to the ARRL for RARS members. I will collect cards four times a year starting in January 2019. To use this service you have to be a member of RARS and the ARRL. RARS will pay the \$7.00 service charge. Members still have to pay the \$1.15 per ounce charge. There will be more information on this service in the November or December 2018 Exciter.

Full information the ARRL outgoing service is available at this URL,

<http://www.arrl.org/outgoing-qsl-service>

73 Tom N4TL



W6RO
Aboard the Queen Mary
Club Station of the
Associated Radio Amateurs of Long Beach, Inc.

5137

To W3GVLB
Date 11-27-00
Time 0129 UTC
Your Signal 5/9
143.520 Mhz.
73. QSL MIE

☐ Yaesu FT 847-S
☐ Yaesu FT 1000-D
☐ Yaesu FT 2700-R
☐ Yaesu FT 7400
☐ Kenwood TM241-A
☐ Kenwood TS570-S
☐ Kenwood TS850-S
☐ Kenwood TS950-S
☐ Kenwood VC-H1
☐ ICOM 735
☐ ICOM 746
☐ ADI-AR-147
☐ ADI-AR-247
☐ ADI-AR-447
☐ MFJ-1278B/DSP
☐ MFJ-422DX Keyer
☐ MFJ Code Tutor
☐ Hy-gain Ham IV Rotator

Antennas: MFJ-1740 MFJ-1763 MFJ-1752 MFJ-1754 MFJ-1750 Hy-gain AV-640 Hy-gain 64DX Hy-gain TH5MK2 Hy-gain BD-218 SAT Dipole